

**Amendments to the Drawings:**

Attached are replacement sheets for sheets 1/9, 7/9, 8/9, and 9/9.

Replacement sheet 1/9 includes Figs. 1-3 and replaces the original sheet including Figs. 1-3. Figs. 1-3 are amended to include the label "Prior Art".

Replacement sheet 7/9 includes Figs. 7c, 8, and 10 and replaces the original sheet including Figs. 7c, 8, and 10. Fig. 8 is amended to include the label "Prior Art".

Replacement sheet 8/9 includes Fig. 9a and replaces the original sheet including Fig. 9a. Fig. 9a is amended to change reference character "200" to "100".

Replacement sheet 9/9 includes Fig. 9b and replaces the original sheet including Fig. 9b. Fig. 9b is amended to change reference character "200" to "100".

Attachments: 4 Replacement Sheets

## **REMARKS/ARGUMENTS**

Reconsideration and allowance are respectfully requested in view of the following remarks.

Claim 13 remains in this application. Claim 12 is amended. Claims 1-12 and 14-16 are canceled.

In paragraph 1 of the Office Action, the Examiner requested Figures 1-3 and 8 be labeled "Prior Art". Replacement sheets in which Figures 1-3 and 8 are amended to include the label "Prior Art" are attached.

In paragraph 2 of the Office Action, the Examiner objected to the fact that Figures 4 and 9 are mentioned in the specification, but not included in the drawings. The specification erroneously referred to Figure 4, when it should have referred to Figures 4a and 4b, and to Figure 9, when it should have referred to Figures 9a and 9b. Figures 4a and 4b and Figures 9a and 9b are contained in the drawings. The specification has been amended to change references to "Figure 4" to "Figures 4a and 4b" and references to "Figure 9" to "Figures 9a and 9b".

In paragraph 3 of the Office Action, the Examiner objected to the fact that reference characters "100" and "200" were used to designate a sparse decoder in Figures 4a and 9a. A replacement sheet in which Figure 9a is amended to change reference character "200" to "100" is attached.

In paragraph 4 of the Office Action, the Examiner objected to the fact that Figures 4a, 4b, 9a, and 9b are contained in the drawings, but are not mentioned in the specification. As previously noted, the specification erroneously referred to Figure 4, when it should have referred to Figures 4a and 4b, and to Figure 9, when it should have referred to Figures 9a and 9b. Figures 4a and 4b and Figures 9a and 9b are contained in the drawings. The specification has been amended to change references to "Figure 4" to "Figures 4a and 4b" and references to "Figure 9" to "Figures 9a and 9b".

Claims 5, 8, 12, and 15 were rejected under 35 U.S.C. § 112. Claims 5, 8, 12, and 15 have been canceled.

Claims 1-16 were rejected under 35 U.S.C. § 102(e) as being anticipated by Kajita. Claims 14 and 16 were rejected under 35 U.S.C. § 103 as being obvious over Kajita in view of Kim. Claims 1-12 and 14-16 have been canceled.

Claim 13, as amended, recites: "...a correlator operational to correlate the corresponding encoded TFCI to the output of an associated rake receiver, the correlator comprising: a plurality of multiplexers, each multiplexer having a first input for receiving a corresponding bit of the received transport format combination indicator (TCFI) signal, a second input for receiving the sign of the corresponding bit of the received transport format combination indicator (TCFI) signal, and a control input for receiving a corresponding bit of the encoded TFCI generated by the code word generator, and a summer for adding the outputs of the multiplexers to generate a final correlation value...." This arrangement of elements is not shown or suggested by Kajita or Kim, taken singly or in combination. Claim 13 is therefore allowable.

In view of the above, Applicants respectfully request that a Notice of Allowance be issued in this case.

Respectfully submitted,

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